FIG. 1

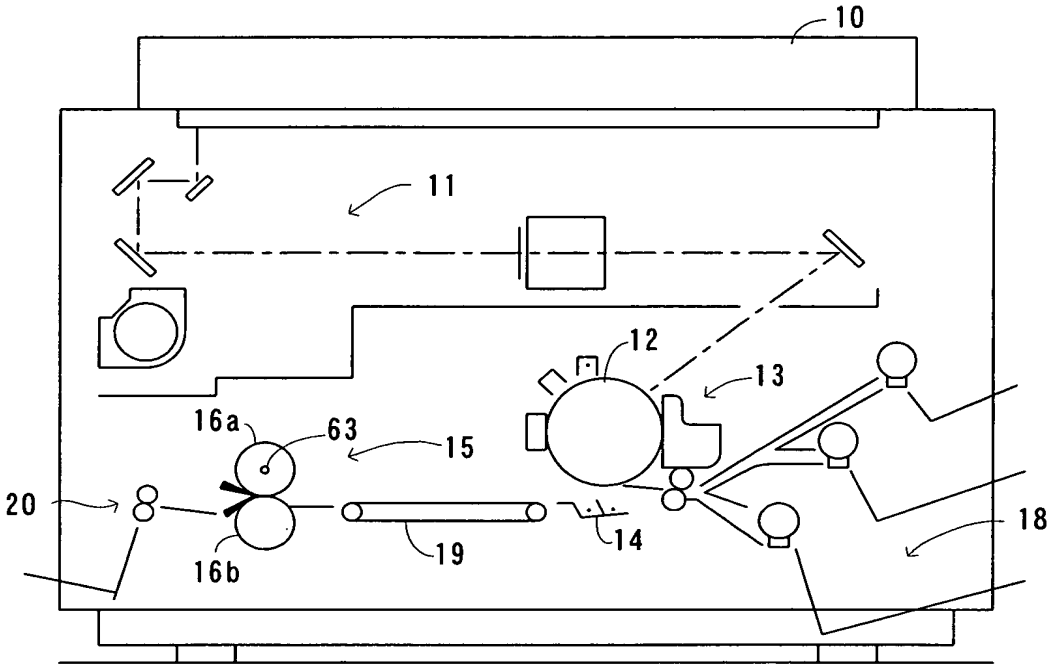

10
11
12
13
16a
63
15
20
16b
19
14
18

FIG. 2

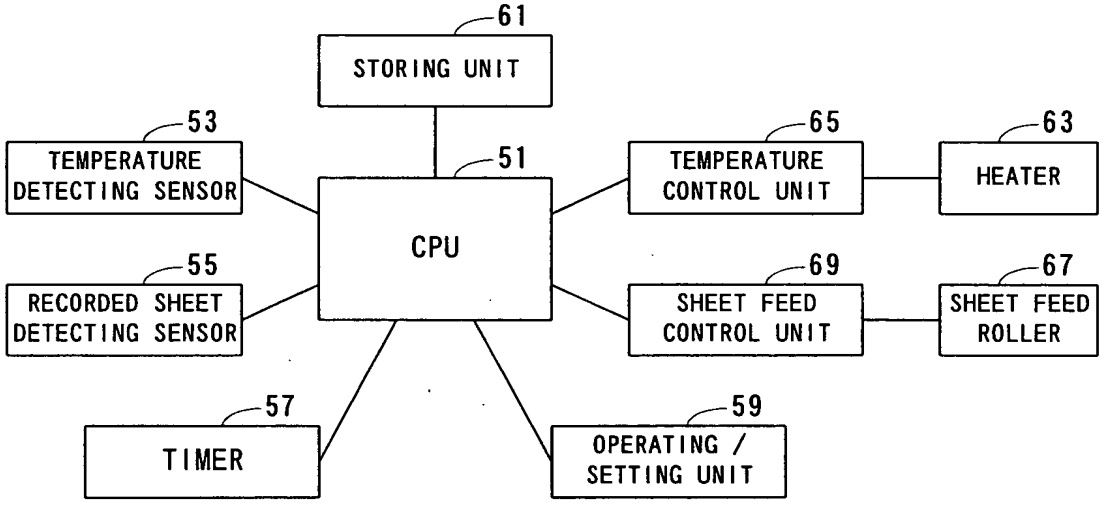

61
STORING UNIT
53
TEMPERATURE DETECTING SENSOR
51
CPU
65
TEMPERATURE CONTROL UNIT
63
HEATER
55
RECORDED SHEET DETECTING SENSOR
69
SHEET FEED CONTROL UNIT
67
SHEET FEED ROLLER
57
TIMER
59
OPERATING / SETTING UNIT

FIG. 3

TIME T / NUMBER X OF SHEETS	$T < T_1$ (30s)	$T_1 \leqq T < T_2$ (60s)	$T_2 \leqq T < T_3$ (90s)	$T > T_3$
$X \leqq A_1$ (30) SHEETS	TO C(20) SHEETS 1ST cpm	TO F(50) SHEETS 1ST cpm	→	→
$A_1 < X \leqq A_2$ (50) SHEETS	TO D(10) SHEETS 1ST cpm	TO C(20) SHEETS 1ST cpm	TO F(50) SHEETS 1ST cpm	→
$X > A_2$	TO E(1) SHEET 1ST cpm	TO D(10) SHEETS 1ST cpm	TO C(20) SHEETS 1ST cpm	F(50) SHEETS 1ST cpm

EV 036 150 705 US

FIG. 4

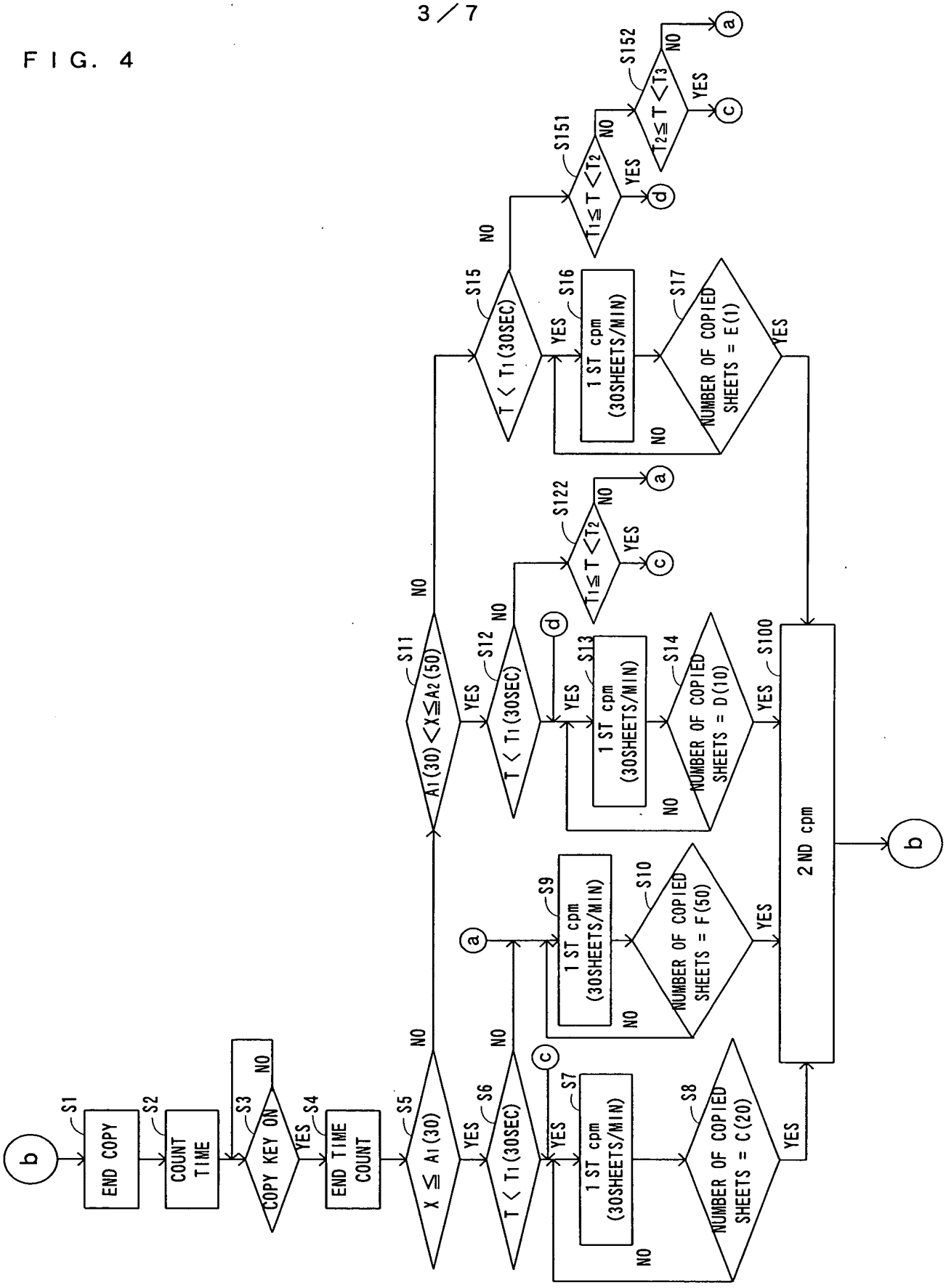

b
S1
END COPY
S2
COUNT TIME
S3
COPY KEY ON
NO
YES
S4
END TIME COUNT
S5
X ≦ A1(30)
NO
YES
S6
T < T1(30SEC)
NO
YES
c
S7
1 ST cpm (30SHEETS/MIN)
S8
NUMBER OF COPIED SHEETS = C(20)
NO
YES
a
S9
1 ST cpm (30SHEETS/MIN)
S10
NUMBER OF COPIED SHEETS = F(50)
NO
YES
S11
A1(30) < X ≦ A2(50)
NO
YES
S12
T < T1(30SEC)
NO
YES
d
S13
1 ST cpm (30SHEETS/MIN)
S14
NUMBER OF COPIED SHEETS = D(10)
NO
YES
S15
T < T1(30SEC)
NO
YES
S16
1 ST cpm (30SHEETS/MIN)
S17
NUMBER OF COPIED SHEETS = E(1)
NO
YES
S100
2 ND cpm
b
S122
T1 ≦ T < T2
NO
YES
c
a
S151
T1 ≦ T < T2
NO
YES
d
S152
T2 ≦ T < T3
NO
YES
c
a

FIG. 5

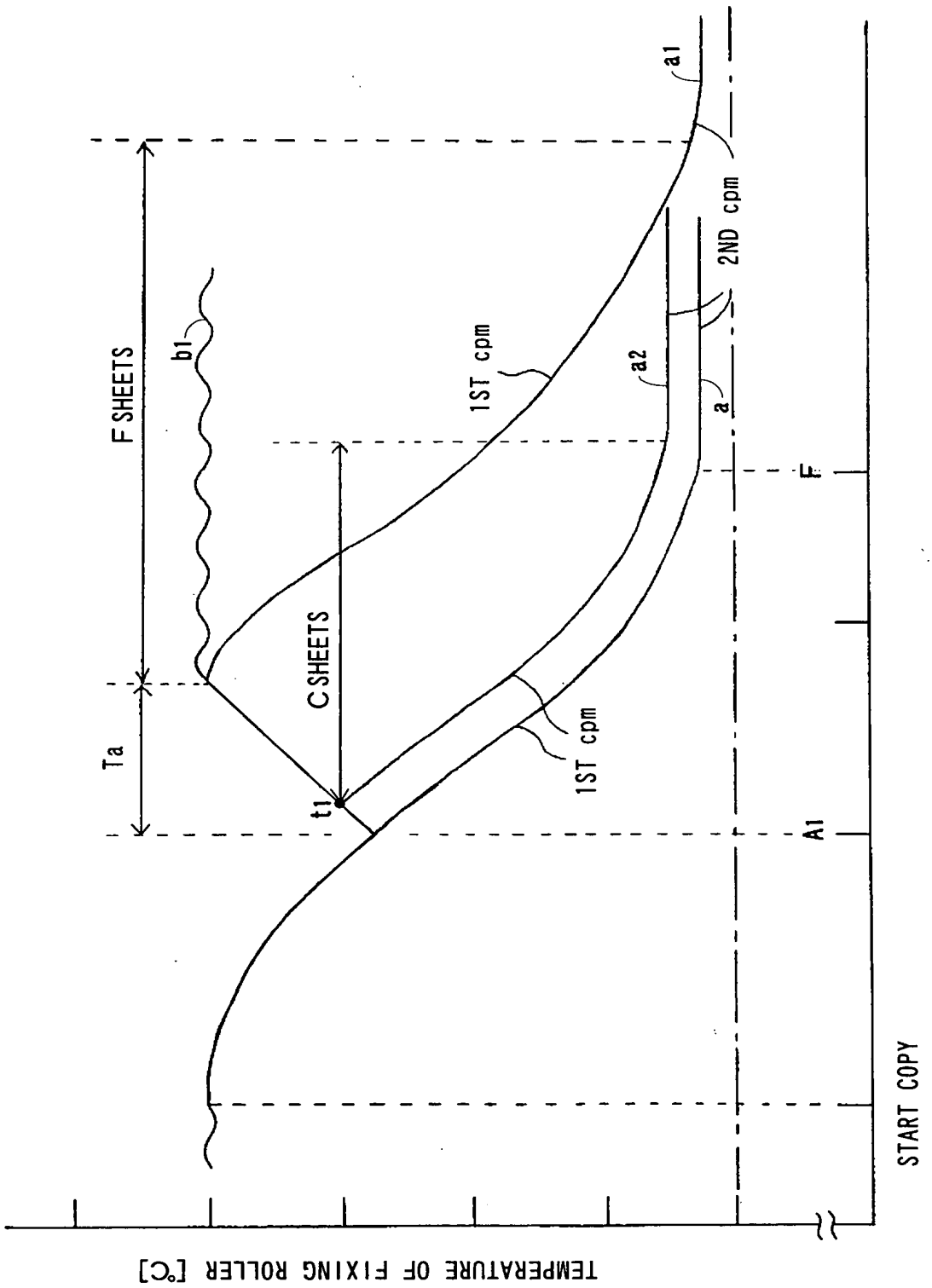

TEMPERATURE OF FIXING ROLLER [°C]
START COPY
A1
F
a1
a
a2
2ND cpm
1ST cpm
1ST cpm
b1
F SHEETS
C SHEETS
Ta
t1

FIG. 6

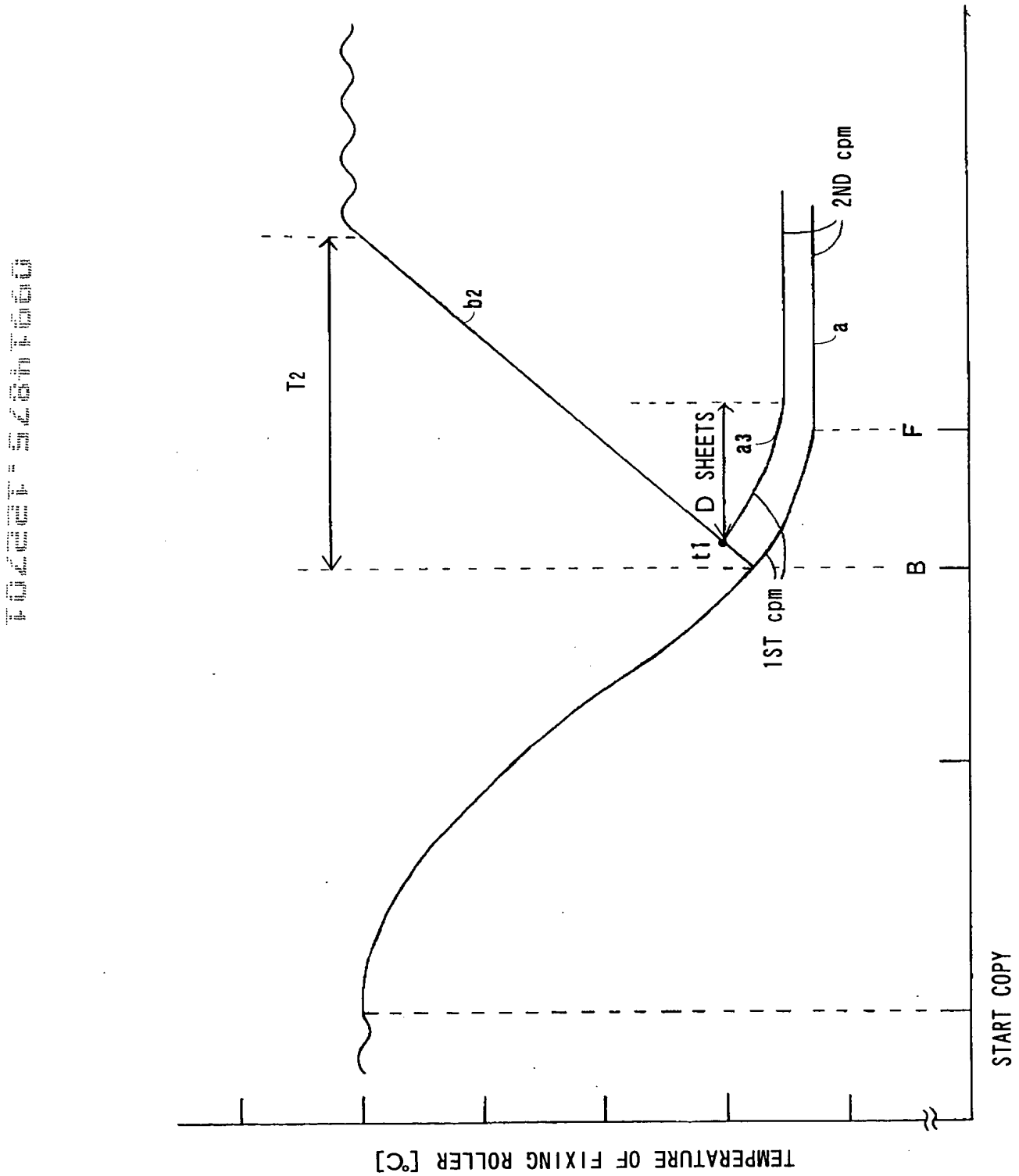

TEMPERATURE OF FIXING ROLLER [°C]
START COPY
T2
b2
D SHEETS
t1
a3
a
2ND cpm
1ST cpm
F
B

FIG. 7

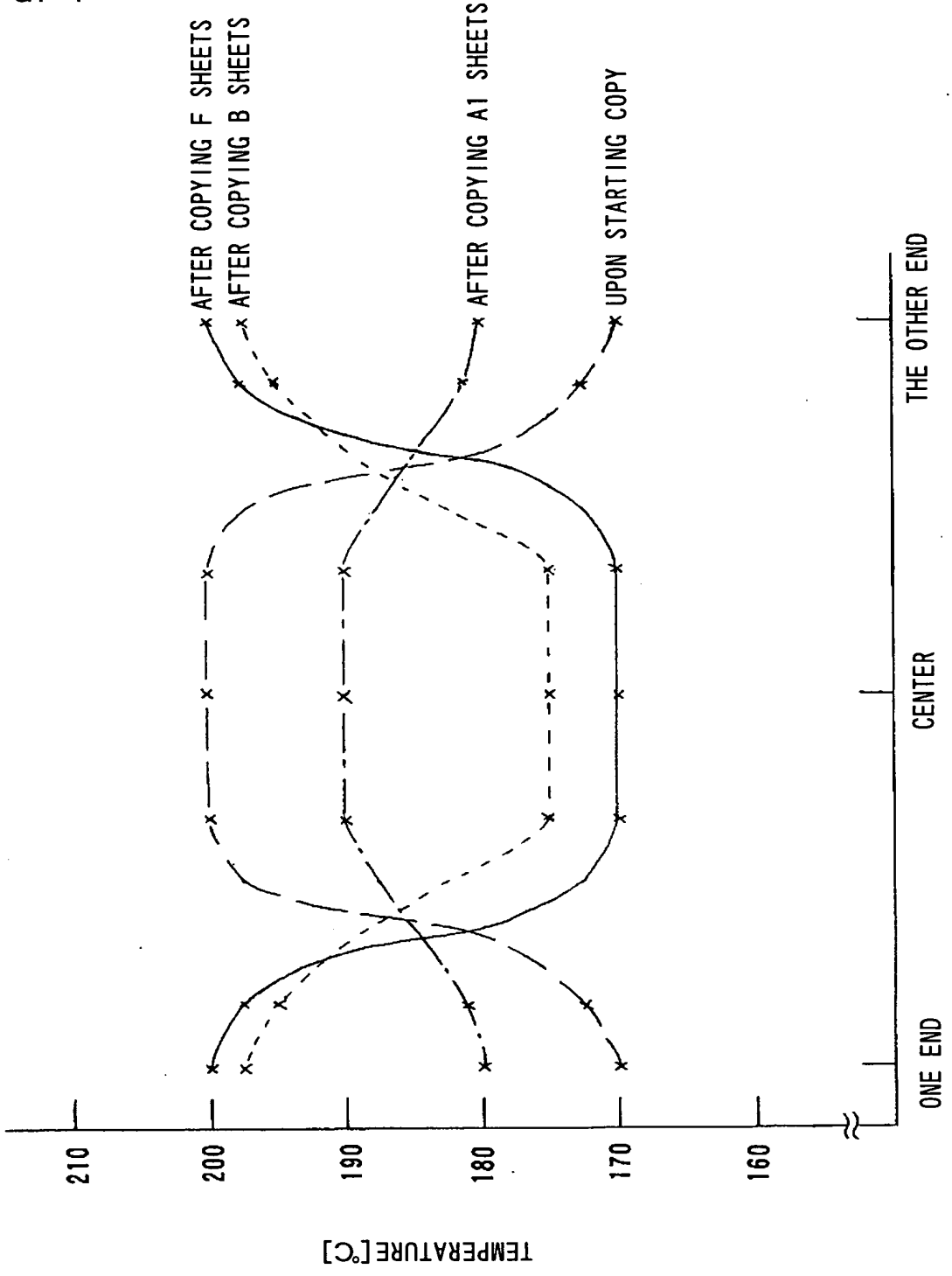
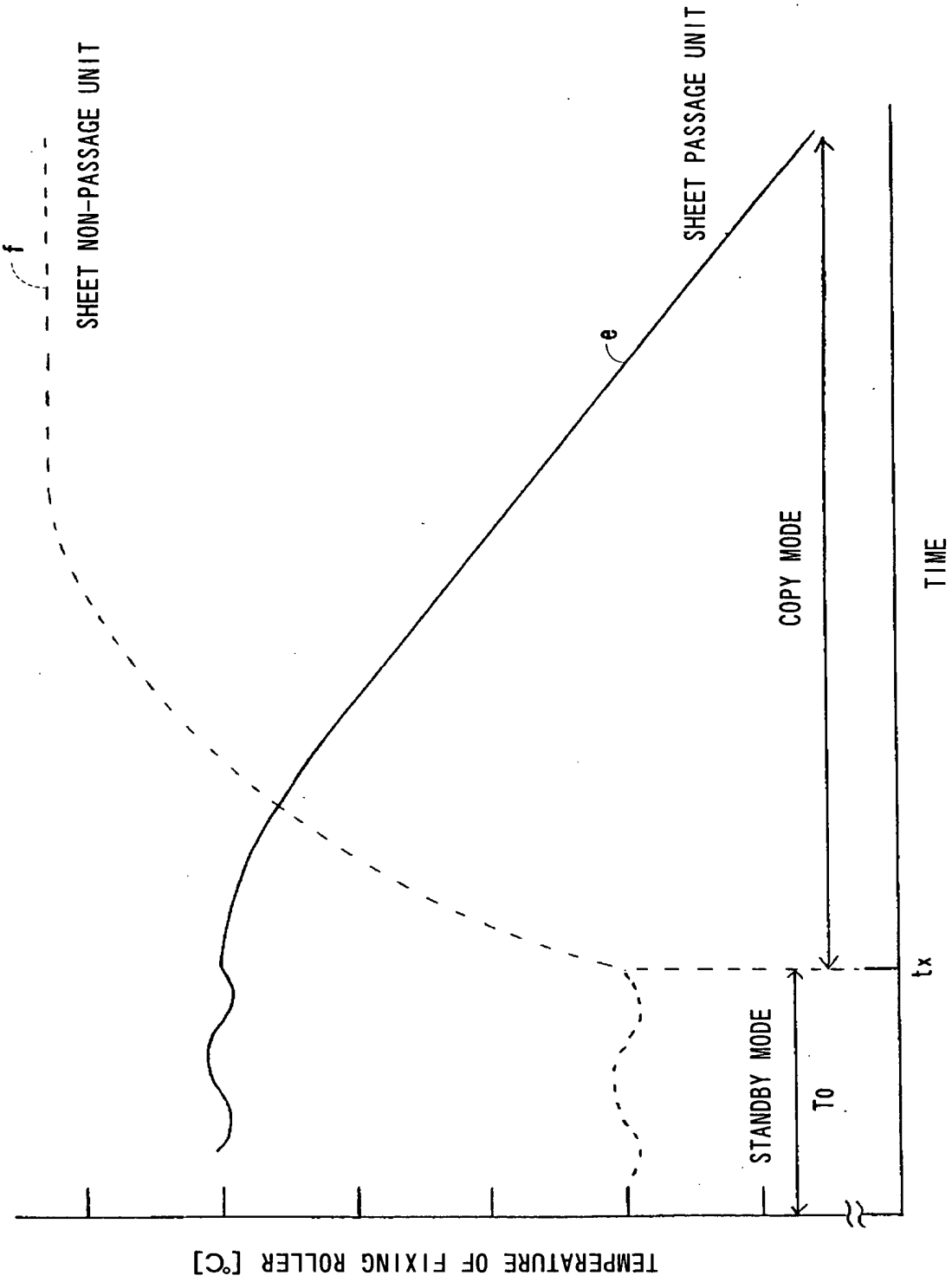

AFTER COPYING F SHEETS
AFTER COPYING B SHEETS
AFTER COPYING A1 SHEETS
UPON STARTING COPY
ONE END
CENTER
THE OTHER END
210
200
190
180
170
160
TEMPERATURE[°C]

FIG. 8


SHEET NON-PASSAGE UNIT
SHEET PASSAGE UNIT
f
e
COPY MODE
TIME
tx
STANDBY MODE
To
TEMPERATURE OF FIXING ROLLER [°C]